



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/506,407	02/17/2000	Masumi Senoo	10991381-1	7749

22879 7590 08/11/2005

HEWLETT PACKARD COMPANY
P O BOX 272400, 3404 E. HARMONY ROAD
INTELLECTUAL PROPERTY ADMINISTRATION
FORT COLLINS, CO 80527-2400

EXAMINER

EBRAHIMI DEHKORDY, SAEID

ART UNIT PAPER NUMBER

2626

DATE MAILED: 08/11/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/506,407

Applicant(s)

SENOO ET AL.

Examiner

Saeid Ebrahimi-dehKordy

Art Unit

2626

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 May 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Response to appeal brief

1. In view of the appeal brief filed on 5/23/05, PROSECUTION IS HEREBY REOPENED.

A new ground of rejection set forth below.

To avoid abandonment of the application, appellant must exercise one of the following two options:

(1) file a reply under 37 CFR 1.111 (if this Office action is non-final) or a reply under 37 CFR 1.113 (if this Office action is final); or,

(2) request reinstatement of the appeal.

If reinstatement of the appeal is requested, such request must be accompanied by a supplemental appeal brief, but no new amendments, affidavits (37 CFR 1.130, 1.131 or 1.132) or other evidence are permitted. See 37 CFR 1.193(b)(2).

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-20 rejected under 35 U.S.C. 102(b) as being anticipated by Ta (U.S. patent 5,500,715)

Regarding claim 1 and 16 Ta et al disclose: A method of configuring a printer, the method comprising: creating a printer menu structure (note Fig.1 item 104, column 7 lines 45-52 where the user is able to structure a print menu by selecting from the pc

Art Unit: 2626

selection menu a set of desired or relevant option from the p set up menu) and installing the printer menu structure on the printer (note Fig.2, block 202, column 8 lines 31-34 where in the set up options structured or selected from the pc menu is put on the printer by inserting the diskette inside the printer) wherein the printer menu structure is installed on an erasable storage device in the printer (note again Fig.2, column 8 lines 32-34 where the structured menu prepared is stored in the printer by inserting the diskette into the printer).

Regarding claim 2 Ta et al disclose: A method as recited in claim 1 wherein installing the printer menu structure replaces any menu structure previously installed on the printer (note column 8 lines 58-62 where the other print options are overwritten automatically).

Regarding claim 3 Ta et al disclose: A method as recited in claim 1 wherein installing the printer menu structure extends any menu structure previously installed on the printer (note Fig.2 block 204, column 8 lines 35-40 where user is able to edit the menu and add to the print option which was chosen before the insertion of the diskette).

Regarding claim 4 Ta et al disclose: A method as recited in claim 1 further comprising simulating operation of the printer menu structure prior to installing the printer menu structure on the printer (note column 4 lines 55-63).

Regarding claim 5 Ta et al disclose: A method as recited in claim 1 wherein creating a printer menu structure includes creating a hierarchy of menu elements (note Fig.3 item 310 column 7 lines 50-60 the monitor where the options are loaded and can be vary

Art Unit: 2626

wildly and categorically such as print resolution, quality of prints to be make, the sheet media type and etc).

Regarding claim 6 Ta et al disclose: A method as recited in claim 5 wherein each menu element has an associated menu element type and an associated action (note column 7 lines 50-65 where the each designated option is set for the specific action such as selection of print resolution or media type).

Regarding claim 7 Ta et al disclose: A method as recited in claim 1 wherein creating a printer menu structure includes associating an icon with at least one menu element in the printer menu structure (note column 7 lines 52-60 where the menu item are displayed on the monitor 310).

Regarding claim 8 Ta et al disclose: A method as recited in claim 1 wherein the method is performed by an end-user of the printer (note column 7 lines 45-50).

Regarding claim 9 Ta et al disclose: A method as recited in claim 1 wherein creating a printer menu structure includes determining the arrangement of a plurality of menu elements on a printer display panel (note Fig.3 the display monitor 310 and wherein the menu elements are listed, column 7 lines 51-55).

Regarding claim 10. A computer-readable memory containing a computer program that is executable by a processor to perform the method recited in claim 1 (note column 5 lines 9-17).

Regarding claim 11 Ta et al disclose: A printer comprising: a display panel (note Fig.4 item 14, column 4 lines 52-57) to display a plurality of menu elements (note column 4 lines 54-55) a user interface coupled to the display panel to allow a user to select

Art Unit: 2626

among the plurality of menu elements and a data communication interface coupled to the display panel to allow the printer to receive a printer menu structure from a remote device (note Fig.4 item 14, column 4 lines 58-64 where the user interface 14 would allow user the selection of the specific menu options).

Regarding claim 12 Ta et al disclose: An apparatus as recited in claim 11 wherein the data communication interface is a network interface (note column 8 lines 9-10).

Regarding claim 13 Ta et al disclose: An apparatus as recited in claim 11 wherein the printer is a laser printer (note column 5 lines 18-24).

Regarding claim 14 Ta et al disclose: An apparatus as recited in claim 11 wherein the user interface is a touch-sensitive screen positioned proximate the display panel (note Fig.4, column 4, lines 52-60).

Regarding claim 15 Ta et al disclose: An apparatus as recited in claim 11 further comprising a memory device coupled to the data communication interface to store a printer menu structure received from the remote device (note column 8 lines 10-20).

Regarding claim 17 Ta et al disclose: One or more computer-readable media as recited in claim 16 wherein installing the printer menu structure replaces any menu structure previously installed on the printer (note column 8 lines 58-62 where the other print options are overwritten automatically).

Regarding claim 18 Ta et al disclose: One or more computer-readable media as recited in claim 16 further comprising simulating operation of the printer menu structure prior to installing the printer menu structure on the printer (note Fig.2 block 204, column

Art Unit: 2626

8 lines 35-40 where user is able to edit the menu and add to the print option which was chosen before the insertion of the diskette).

Regarding claim 19 Ta et al disclose: One or more computer-readable media as recited in claim 16 wherein creating a printer menu structure includes creating a hierarchy of menu elements (note Fig.3 item 310 column 7 lines 50-60 the monitor where the options are loaded and can be vary wildly and categorically such as print resolution, quality of prints to be make, the sheet media type and etc).

Regarding claim 20 Ta et al disclose: One or more computer-readable media as recited in claim 16 wherein creating a printer menu structure includes creating a hierarchy of menu elements, and each menu element has an associated menu element type and an associated action (note column 7 lines 50-65 where the each designated option is set for the specific action such as selection of print resolution or media type).

Contact Information

- Any inquiry concerning this communication or earlier communications from the examiner should be directed to *Saeid Ebrahimi-Dehkordy* whose telephone number is (571) 272-7462.

The examiner can normally be reached on Monday through Friday from 8:00 a.m. to 5:30 p.m. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly Williams, can be reached at (571) 272-7471.

Any response to this action should be mailed to:

Art Unit: 2626

Assistant Commissioner for Patents
Washington, D.C. 20231

Or faxed to:

(571) 273-8300, (for **formal** communications; please mark
"EXPEDITED PROCEDURE")


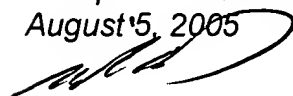
Or:

(703) 306-5406 (for **informal** or **draft** communications, please label
"PROPOSED" or "DRAFT")

Hand delivered responses should be brought to Knox building on 501 Dulany
Street, Alexandria, VA.

Any inquiry of a general nature or relating to the status of this application should be
directed to the Group Receptionist whose telephone number is (703) 305-4750.

Saeid Ebrahimi-Dehkordy
Patent Examiner
Group Art Unit 2626
August 5, 2005



MARK WALLERSON
PRIMARY EXAMINER

